Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 12 Feb 2022 until 23:59 on Sunday 13 Feb 2022

Forecast Issued on Saturday 12 Feb 2022 at 04:22

Confidence: There is some uncertainty in the exact duration of heavy rain today, which maybe longer than shown below. Otherwise high confidence for a period of unsettled, windy and wet weather, with some wintry spells too, over the forecast period.

Headline for Saturday 12 Feb 2022: Heavy rain at times today, probably becoming persistent, with southwesterly gales.

Mountain weather hazards on Saturday 12 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Sleet	Light rain	Heavy Rain	Light rain	Fog
Precipitation probability					
40%	40%	40%	70%	60%	20%

Forecast for Saturday 12 Feb 2022

Weather: Dull with occasional rain this morning, falling as sleet at first over the summits, and becoming locally heavy. Early this afternoon the rain is likely to become persistent and heavy, before turning lighter later this afternoon and then largely dying away this evening. Southwesterly gales will make it feel cold and create difficult walking conditions.

Chance of cloud-free hill tops above 600m: 80% at first gradually decreasing to 20% or less by early afternoon, as widespread low cloud arrives with the rain.

Low cloud and visibility: Generally good visibility this morning with distant hills visible, but widespread extensive low cloud will arrive with the rain to cover most hill tops. Visibility will decrease poor in the heavy rain, although slightly improved conditions are possible across eastern areas. Low cloud layers are expected to become extensive in the west, from 400m, and broken above 500m across eastern areas.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 12 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/45 S	36/44 SW	35/44 SW	36/46 S	35/47 SW	30/41 SW	28/38 SW
300	27/36 S	29/38 S	28/37 S	28/40 S	26/38 SW	23/34 SW	20/32 SW
Valley	15/35 S	15/35 S	16/34 S	17/37 S	17/36 SW	14/31 SW	13/30 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	1/-7	2/-6	2/-6	3/-4	4/-2	4/-2
300	4/-3	4/-3	4/-2	4/-2	5/-0	6/1	6/2
Valley	4/-0	4/-0	5/0	5/0	6/1	6/3	7/3
Freezing Level*	700m	700m	900m	1200m	1300m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

There is the risk of some localised flooding of watercourses around the Peak District and it is likely to become very wet underfoot mid-afternoon. Very strong winds accompanying the heavy rain will add to the wind chill effect making it feel very cold. There will be difficult walking conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 12 Feb 2022	0mm	1.2mm	8.8mm

Forecast for Sunday 13 Feb 2022

Weather: After a drier period overnight rain will arrive from the south by dawn, which becomes heavy and persistent for the morning and part of the afternoon. The rain probably turns lighter late afternoon, and then patchier in nature through the evening with some drier spells possibly developing.

Maximum wind: Southerly 15-20 mph with gusts 40-45 mph.

Chance of cloud-free hill tops above 600m: 10% or less, extensive low cloud around the hills for most of the day in association with rain.

Low cloud and visibility: Extensive low cloud layers above 300m for much of the day, perhaps further east will see broken cloud above 4-500m. Visibility will be poor for much of the day.

Temperature: **Valleys:** Plus 4 rising to 9 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: Above the summits.

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